AMENDMENTS TO THE CLAIMS

Please amend claims 1-7. This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

What is claimed is:

1. (Currently Amended) A method for writing servo information onto a disk of a hard disk drive that has a plurality of heads, comprising:

writing a plurality of reference servo patterns onto a plurality of tracks of a plurality of disks with a plurality of heads of an off-line servo track writer;

assembling the disk into a hard disk drive; and,

writing a final servo pattern onto the tracks of the disk.

2. (Currently Amended) The method of claim 1, wherein ~~the~~each final servo pattern contains more servo bits per track than the reference servo pattern.

3. (Currently Amended) The method of claim 2, wherein ~~the~~each reference servo pattern includes A, B and C servo bits, and the final servo pattern includes A, B, C and D servo bits.

4. (Currently Amended) The method of claim 1, wherein ~~the~~each reference servo pattern is written in a single pass.

5. (Currently Amended) The method of claim 1, wherein ~~the~~each final servo pattern is written in two passes.

6. (Currently Amended) The method of claim 1, further comprising writing a plurality of reference calibration servo patterns onto the disk with the off-line servo track writer.

7. (Currently Amended) The method of claim 6, wherein ~~the~~each reference calibration servo pattern includes A, B, C, D, E and F servo bits.

8. (Original) A method for writing servo information onto a disk of a hard disk drive, comprising:

writing a reference servo pattern onto a track of a disk in a single pass with an off-line servo track writer;

assembling the disk into a hard disk drive; and,

writing a final servo pattern onto the track of the disk in two passes.

9. (Original) The method of claim 8, wherein the final servo pattern contains less servo bits per track than the reference servo pattern.

10. (Original) The method of claim 9, wherein the reference servo pattern includes A, B and C servo bits, and the final servo pattern includes A, B, C and D servo bits.

11. (Original) The method of claim 8, further comprising writing a reference calibration servo pattern onto the disk with the off-line servo track writer.

12. (Original) The method of claim 11, wherein the reference calibration servo pattern includes A, B, C, D, E and F servo bits.